



## THE LAKEHEAD AMATEUR RADIO CLUB JOURNAL

May 2007  
Volume 73 Issue 5

# HI-Q

CLUB WEBSITE <http://www.larclub.net>



VE3FW—LARC call sign  
honours the memory of the  
Founding President  
P.J. "Pat" O'Shea

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- **Next Meeting**  
Thursday  
May 10, 2007  
at the McIntyre Building,  
Confederation College  
Room 191 at 7:30 pm
- **CANWARN training**  
Monday, May 14th at  
7:30 PM - Confedera-  
tion College McIntyre  
Building Rm. 191
- Check out Northern On-  
tario Swap Net for buying  
and selling equipment !

## Antenna Season Officially Closed!



Bill, VE3XT closes the official 2006-2007 Antenna Season with the sounding of the traditional horn at the April meeting! Any antenna and tower installation projects from this date forward may be legalized with a little bit of bribery, or other underhanded means... see VE3XT for details!



## LARC OPEN ACCESS REPEATERS

VE3YQT	Mount Baldy	147.060 (-600) Phone Patch
VE3TBR	St. Joseph's	145.490 (-600) (100.0 Hz) 442.075 (+5 MHz) 144.390 APRS
VE3BGA	Hillcrest H.S.	145.450 (-600) (IRLP Node VA3LU 123.0 Hz) 442.825 (+5 MHz) (100.0 Hz)
VE3UPP	Upsala	145.470 (-600)

**LARC ANNUAL DINNER MEETING MINUTES****April 12, 2007****Judy VA3EAP, Secretary****LAKEHEAD AMATEUR RADIO CLUB****Minutes of Meeting April 12, 2007**

Randy **VA3OJ**, introduced our speakers for the evening, Rick Johnson **KB0BDN** and Jayne Johnson **N0UYQ** from Grand Marais, MN. They talked about Digital Message Handling System and gave a hands-on demonstration sending messages and attachments. For more information, try [www.winlink.org](http://www.winlink.org). Thanks to Rick and Jayne for coming up to Thunder Bay.

Meeting called to order by President Terry **VA3LU**...27 members and guests present.

**Minutes** of March 8<sup>th</sup>, 2007 meeting as posted in Hi-Q - motion to accept Bob **VE3BHN**, seconded by Fort **VE3MCZ** - motion carried.

**Financial Report** as posted in Hi-Q - motion to accept Dave **VE3AVS**, seconded by Bob **VE3BHN** - motion carried.

**Committee Reports**

ARES, Randy **VA3OJ** reported that TBR Repeater is replaced. He conveyed many, many thanks for the volunteers who braved that cold, windy night and especially to Terry **VA3LU** for putting it all together!!!

CanWarn, John **VA3JMS** - session to be held Monday, May 14<sup>th</sup>, 7:30 p.m., Confederation College, Room 131

SkiWarn, Randy **VA3OJ** - Friday, April 27<sup>th</sup>, 7:00 p.m., Grand Marais, see Randy for further details

Public Service - Kam Canoe Race, Saturday, June 30<sup>th</sup> - operators needed, talk to Wayne **VA3WRL** or Brad **VE3MXJ**

Field Day out at Randys **VA3OJ** - any special requests?...talk to Randy.

10-Mile Road Race - May 24<sup>th</sup> long weekend, Norm will be looking for operators

**Old Business**

Antenna season closed!!!...Bill **VA3XT** did the honours of blowing the traditional horn.

**New Business**

Brian **VE3BCQ** has Battery Chargers for sale - \$10.00

Letter received for donation to CNIB Amateur Radio Program - Motion to match last years donation by Steve **VE3KRH**, seconded by Bob **VE3BHN** - motion carried.

**50/50 draw** won by Paul **VA3PDC**

**Motion to adjourn** - Judy **VA3EAP**



## Last Meeting Guest Speaker

Rick Johnson **KB0BDN** and  
Jayne Johnson **NOUYQ** gave an very informative overview and live  
presentation on the Digital Message Handling System as used in the  
Grand Marias area.

*More photos on page 4*

*Thanks for a nice presentation,  
Rick and Jayne!*



Joe VE3TBX

## Lakehead Amateur Radio Club Treasurers Report

<b>Opening Balance - April 8th. 2007</b>		<b><u>\$ 5,710.49</u></b>
<b>Income</b>		
Interest	\$	0.05
50/50 Draw	\$	10.00
Caps	\$	50.00
<b>Total Income</b>	\$	60.05
<b>Expenses</b>		
Thunder Bay Telephone	\$	48.03
Bank Service Fee	\$	0.50
Room Rental - Con. College	\$	111.00
Meeting Expenses	\$	44.84
<b>Total Expenses</b>	<b><u>\$</u></b>	<b><u>204.37</u></b>
<b>Closing Balance - May 3rd, 2007</b>		<b><u>\$ 5,566.17</u></b>

**Joe Coghlan - VE3TBX**  
**Treasurer**





## Digital Message Handling System Presentation

Rick KB0BDN and Jayne N0UYQ  
Monthly meeting—April 2007



“Over the last several years, the system is used almost daily by the maritime community for locating lost vessels. The US Coast Guard requests the location and condition of vessels from the 7,500 plus maritime Winlink (Enhanced Digital Messaging for Amateur Radio) users on an on-going basis.”

-excerpt from the [Winlink site](#)



**Arrowhead Radio Amateur Club  
Hamfest in Superior Wisconsin  
on Saturday May 5th was well attended**

**LARC was well represented, I think we met  
as many members there as we see at our  
meetings!**



## Northern Ontario Swap Net - Pat, VE3PD



I started the swap net sometime after I put together web pages with a chronicle of the first trip Bill VE3AJ and myself (VE3HFS at the time) took to the Cook Islands.

I have no idea of how many years it has been running but it would have been not too long after Thunder Bay Telephone started up Internet service. I used a site run by Joe Barta to learn how to put a web page together, actually pretty rudimentary, and if you looked in the background of my web pages you would see it is still fairly basic.

I use Front Page to edit the For Sale page, since it is the easiest way to do it. I also use a program called "Arachnophilia" to do inside editing on the sale page and also for setting up any new page should I decide there is another subject I would like to cover. "Arachnophilia" is care ware, you don't have to pay for it, you just have to care. It is, I think, one the best editors around, though I don't use the latest and greatest that is written in Java Script and is not platform dependant.

The purpose the Northern Ontario Swap Net is just that, to swap or sell amateur radio and related equipment. If I am not mistaken the Northwestern Ontario Net had a swap night and when it dropped it I came up with the Internet Swap Net.

At one time there used to be a few swap nets on 80M with the one run by VE3GAS being the big one. A fellow who lived in a rural area of Southern Ontario, and always had a fantastic signal, (ran a conservative KW) and had the receive to match. The internet swap pages being run by various individuals or clubs came into being to replace the on air swap nets. Since most radio amateurs, at least I think so, are computer literate and have at least one computer, if not more in the shack it was a natural progression to change the focus to the internet.

I don't limit the area of where the ads come from, though I do limit it to licensed radio amateurs, and radio equipment that fits directly into amateur radio. When I first started I would get enquiries about listing cars, furniture etc but after the years most have become trained and follow the rules.

I set it up to be a service to radio amateurs and in the true tradition there is no charge or advertisements. At time the listings have spanned coast to coast, but that has decreased as I think swap nets are becoming more available in most areas and you like to see what you are buying, though I think in 99 percent of the case radio amateurs are very truthful when it comes to stating

equipment condition. I have a couple of fellows who have been part of the swap net for a few years, they are real horse traders and help to keep the swap net active. I do not list for commercial enterprises, I figure they can do that through the regular channels.

You will note the address has changed from Thunder Bay Telephone to Xplornet, as I would be stuck with dial up for at least a year, so I went to satellite coverage, which is working out fairly well, not as fast as DSL but a lot better than dialup. The URL as shown below is <http://users.xplornet.com/~ve3pdpat/nontsale.htm>, all are welcome to use it.

Patrick G. Doherty

[ve3pdpat@xplornet.com](mailto:ve3pdpat@xplornet.com)

<http://users.xplornet.com/~ve3pdpat>

### Northern Ontario Swap Net

<http://users.xplornet.com/~ve3pdpat/nontsale.htm>



### From Joe, VE3TBX:

Bill Janik VA3BJJ, and I attended the Skywarn training session in Grand Marais on the 27th of April. We both felt that it was excellent, and we are now Skywarn watchers.

The National Weather Services is offering other courses this spring—one on Saturday May 12th in Schroeder, MN at 10:00 AM (their time) at the "Sugarloaf Cove" if anyone is interested in attending.

## Dayton Hamvention

May 18, 19 & 20 2007

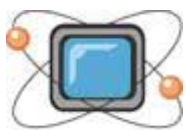
Hara Arena, Trotwood, Ohio

<http://www.hamvention.org/>



## Notices

### ON THE WEB



thanks to  
**John,**  
**VE3EMI**



**Info on Radio Frequency**  
<http://www.educypedia.be/electronics/rf.htm>

**Real Time Spectrum Analyzer Demos**  
[High Voltage Disconnect Switch \(Video\)](http://www.tek.com/products/spectrum_analyzers/rtsademos/High_Voltage_Disconnect_Switch_(Video))  
[http://www.tek.com/products/spectrum\\_analyzers/rtsademos/](http://www.tek.com/products/spectrum_analyzers/rtsademos/)

**Energy Source for QRP**  
<http://www.los-gatos.ca.us/davidbu/pedgen.html>

### Northern Ontario Swap Net

<http://users.xplornet.com/~ve3pdpat/nontsale.htm>

Or use link on  
[Larclub.net](http://Larclub.net)

### LARC ARES 2 Meter Net



**Every Tuesday  
at  
7:00 pm**

RE: Keweenaw (Calumet) 147.315 MHz repeater:

It went on the air Thursday, May 3, 2007 IT NOW REQUIRES A PL-TONE OF 107.2 HZ

A later breaking bulletin: During the installation on Thursday, Fred Anderson (N8BTS) of Marquette said he could supply us with the two 100 Hz "reeds" necessary to go back to the 100.0 Hz we had before. (On a "no charge" basis).....Thank you, Fred! He may have to order these parts, so the changeover will NOT take place over night!

Please continue to use the PL-107.2 Hz until we let you know if and when the change back to 100.0 can be made.

Also: A modification will be added (in the near future) May-2007, that will enable us to TURN OFF the PL tones remotely (over the telephone line) by Control operators. Once installed it is our feeling that we will run "315" without a PL tone unless we experience some interference from other agencies.

Other: Our thanks to the amateur radio ops who asked for the 100 Hz, back. We will do our best to restore what we had before.

IN THE MEANTIME (THIS IS TEMPORARY) REMEMBER.....TO PROGRAM IN THE 107.2 Hz PL TONE INTO YOUR EQUIPMENT.

A future E-Mailing will tell you when to change back to the 100 Hz tone

Thank you for your patience, while this important change is taking place.

73,

George R. Thurner, W8FWG  
Sec.-Treasurer, K.C.R.A. .

**The Ottawa ARC will be hosting the RAC Annual General Meeting at their 11th Annual Hamfest in September.**  
<http://www.oarc.net/fleamarket/index.html>

**Some sites with interesting articles:**  
**My Deployment at "Ground Zero"**

<http://hometown.aol.com/realhamradio/>  
-tnx to Phil, VE3AXL

**Aurora and communications**

<http://www.cbc.ca/news/background/science/solarstorms-tech.html>  
tnx to Fred, VE3FAL

**TRX-Manager HAM Radio CAT Software**

<http://www.trx-manager.com/>  
tnx to Wayne VA3WRL

**Real Time Satellite Tracking**

<http://www.n2yo.com/>  
tnx to Jim, VE3UA

### CANWARN TRAINING

**Monday, May 14th at 7:30 pm  
Room 191, McIntyre Building  
Confederation College.**

Everyone is invited to attend this very informative training

This Thursday Doug, VE3EFC, will be giving a presentation on Software Defined Radio using his Flex Radio. We will have a demo up and running.

Also last Thursday was the last Ham Radio class, with 4 students still actively involved, 2 YL's and 2 OM. Hopefully they will be soon heard on both HF and VHF. Look for some new calls in the future from Thunder Bay. tnx to Bill, VE3XT

## A BIT OF WIT

A 2006 study found that the average Canadian walks about 900 miles a year

Another study found that Canadians drink an average of 22 gallons of beer a year

That means, on average, Canadians get about 41 miles per gallon !!

Tnx to Wayne, VA3WRL



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LARC is a member of [RAC](#)

## LARC PUBLIC SERVICES

### ARES

**District Emergency Coordinator**  
VE3FAL Fred Lesnick 577-0789

**Emergency Coordinator**  
VA3OJ Randy Gottfred 474-0910

### CANWARN

VA3JMS John 767-3631  
VE3MXJ Brad 767-0628

### Public Service Events

VE3MXJ Brad 767-0628  
VA3JMS John 767-3631

### Amateur Radio Accredited Examiner

VE3FAL Fred Lesnick 577-0789  
[flesnick@tbaytel.net](mailto:flesnick@tbaytel.net)

### RAC

[Radio Amateurs of Canada](#)

## LARC SENATE

Keith Fiske VE3JQ  
Pat Doherty VE3PD  
Dave Kimpton VE3AVS  
Laurie Bridgett VE3BCD  
Terry Stewardson VA3LU  
Ed Baumann VE3SNW

## LARC EXECUTIVE 2006—2007

**President**  
Terry Stewardson VA3LU 577-9439  
**Vice-President**  
Bob Hansen VE3RVA 767-6924  
**Secretary**  
Judy Artist VA3EAP  
**Treasurer**  
Joe Coghlan VE3TBX 344-6566  
**Directors**  
Brad Harris VE3MXJ 767-0628  
Randy Gottfred VA3OJ 474-0910  
Mike Nawrocki VE3ZG 767-1714  
Bill Unger VE3XT 344-1848  
**Past President**  
John Sacek VA3JMS 767-3631

## About LARC

Lakehead Amateur Radio Club members have all levels of interest and knowledge in the wide spectrum of amateur radio.

Monthly meetings and contact with other members allow us to share and discuss different ideas, and to learn from each other.

LARC membership meetings are held the second Thursday of each month, September through June at 7:30 PM local time at the McIntyre Building, Confederation College Room 191

Each meeting consists of a mix of technical and light-hearted topics, with a break for meeting friends and new friends.

Anyone with an interest in ham radio is invited to join us.

Amateur radio classes are also administered by LARC to help you with your Amateur Radio License contact any of the Executive members above for more information

**2006/2007 MEMBERSHIP/RENEWAL APPLICATION**

**LAKEHEAD AMATEUR RADIO CLUB INC**  
**1100C MEMORIAL AVE, SUITE 184,**  
**THUNDER BAY, ONT P7B4A3**

**CLASS OF MEMBERSHIP**

**FULL MEMBERSHIP \$35.00-open only to licensed amateurs**

**NAME:** \_\_\_\_\_ **EMAIL:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_ **CITY** \_\_\_\_\_

**TELEPHONE:** (     ) \_\_\_\_\_ **POSTAL CODE** \_\_\_\_\_

**MAY WE PUBLISH THE PHONE NUMBER yes / no**

**MAY WE DELIVER HI-Q BY E-MAIL? yes / no**

**CALL(S)** \_\_\_\_\_

**FAMILY MEMBERSHIP-** immediate family residing at the same address holding licenses.  
**\$35.00 plus \$10.00 for each additional amateur.**

**NAMES AND CALLS** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**STUDENT MEMBERSHIP-** \$15.00-open to persons enrolled full time in an education  
facility, list School and program \_\_\_\_\_

**ASSOCIATE MEMBERSHIP-**\$20.00-upon approval of the Board and open to:

1)Non holders of an amateur radio license.

2)Licensed amateurs living outside the immediate Thunder Bay area or are unable to attend regular meetings of the club.

If you feel you qualify for associate membership, please indicate why, on a separate sheet, to be used by the Board to consider your application.

**Please mail or bring this form to the next meeting with your cash or cheque for membership fees.**

**Cheques should be made payable to Lakehead Amateur Radio Club.**

**Applications and cheques can also be dropped off at the above address.**